

PTO-1449 REPRODUCED			ATTORNEY DOCKET NO. 1314.1044-017	CONTINUATION OF APPLICATION NO. 09/315,929
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			APPLICANT Grigori N. Enikolopov, et al.	
October 24, 2001 (Use several sheets if necessary)			FILING DATE October 24, 2001	GROUP

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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<i>AL</i>	AL	WO 94/28013	12/08/94	PCT			
<i>AM</i>	AM	WO 98/20865	05/22/98	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>AR</i>	AR	Punjabi, C.J., et al., "Production of Nitric Oxide by Murine Bone Marrow Cells," <i>Journal of Immunology</i> , 149:2179-2184 (1992).
<i>AS</i>	AS	Lu, L., et al., "Induction of Nitric Oxide Synthase in Mouse Dendritic Cells by IFN-γ, Endotoxin, and Interaction with Allogeneic T Cells," <i>Journal of Immunology</i> , 157:3577-3586 (1996).
<i>AT</i>	AT	Bidri, M., et al., "Involvement of Cyclic Nucleotides in the Immunomodulatory Effects of Nitric Oxide on Murine Mast Cells," <i>Biochem. Biophys. Res. Comm.</i> , 210:507-517 (1995).
<i>AU</i>	AU	Jun, C., et al., "High-does Nitric Oxide Induces Apoptosis in HL-60 Human Myeloid Leukemia Cells," <i>Exp. Mol. Med.</i> , 28:101-108 (1996).
<i>AV</i>	AV	Schobersberger, W., et al., "Nitric Oxide Donors Suppress Erythropoietin Production In Vitro," <i>Pflugers Arch. Eur. J. Physiol.</i> , 432:980-985 (1996).
<i>AW</i>	AW	Firkin, F.C., et al., "Differential Action of Diffusible Molecules in Long-Term Marrow Culture on Proliferation of Leukaemic and Normal Haemopoietic Cells," <i>Br. J. Haematol.</i> , 84:8-15 (1993).
<i>AX</i>	AX	Pascual, D.W., et al., "Nitric Oxide Mediates Immune Dysfunction in the Spontaneously Hypertensive Rat," <i>Hypertension</i> , 21:185-194 (1993).
<i>AY</i>	AY	Zwadlo-Klarwasser, G., et al., "Inhibition of Spontaneous and Mitogen-Induced Lymphocyte Proliferation by Murine Bone Marrow-Derived Macrophages: Role of Prostaglandins, Nitric Oxides and Cell-to-Cell Contact," <i>Scand. J. Immunol.</i> 40:10-15 (1994).
<i>AZ</i>	AZ	Young, R., et al., "Suppression of T Cell Proliferation by Tumor-Induced Granulocyte-Macrophage Progenitor Cells Producing Transforming Growth Factor-β and Nitric Oxide," <i>J. Immunol.</i> , 156:1916-1922 (1996).
<i>AR2</i>	AR2	Gilad, V., et al., "Accelerated Recovery Following Polyamines and Aminoguanidine Treatment After Facial Nerve Injury in Rats," <i>Brain Research</i> , 724:141-144 (1996).
<i>AS2</i>	AS2	Park, S., et al., "Stem Cell Factor Protects Bone Marrow-Derived Cultured Mast Cells (BMCMC) From Cytocidal Effect of Nitric Oxide Secreted by Fibroblasts in Murine BMCMC-Fibroblasts Coculture," <i>Biochem. Mol. Biol. Int.</i> , 40:721-729 (1996).

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DATE CONSIDERED

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>PK</i>	AT2	Hoffman, R., et al., "Bystander Injury of Host Lymphoid Tissue During Murine Graft-Versus-Host Disease is Mediated by Nitric Oxide," <i>Transplantation</i> , 61:610-618 (1996).					
	AU2	Raul, F., et al., "Beneficial Effects of L-Arginine on Intestinal Epithelial Restitution After Ischemic Damage in Rats," <i>Digestion</i> , 56:400-405 (1995).					
	AV2	Guo, J., et al., "Endothelial Preserving Actions of a Nitric Oxide Donor in Carotid Arterial Intimal Injury," <i>Methods Find. Exp. Clin. Pharmacol.</i> , 16:347-354 (1994).					
	AW2	Drobyski, W., et al., "Inhibition of Nitric Oxide Production is Associated with Enhanced Weight Loss, Decreased Survival, and Impaired Alloengraftment in Mice Undergoing Graft-Versus-Host Disease After Bone Marrow Transplantation," <i>Blood</i> , 84:2363-2373 (1994).					
<i>PK</i>	AX2	Krenger, W., et al., "Interferon-γ Suppresses T-Cell Proliferation to Mitogen Via the Nitric Oxide Pathway During Experimental Acute Graft-Versus-Host Disease," <i>Blood</i> 88:1113-1121 (1996).					
<i>PK</i>	AY2	Database WPI, Section Ch, Week 9606, Derwent Publications Ltd., London, GB; "Hair Growth Promote Composition Contain Arginine Nitrogen Mono Oxide Synthase Inhibit" <i>Note needed</i>					
<i>PK</i>	AZ2	Vilpo, J., et al., "Mode of Cytostatic Action of Mesoionic Oxatriazole Nitric Oxide Donors in Proliferating Human Hematopoietic Cells," <i>Anti-Cancer Drug Design</i> , 12:75-89 (1997).					
	AR3	Holliday, L., et al., "Low NO Concentrations Inhibit Osteoclast Formation in Mouse Marrow Cultures by cGMP-Dependent Mechanism," <i>Am. J. Physiol.</i> , 272:F283-F291 (1997).					
	AS3	Hoffman, R., et al., "Attenuation of Lethal Graft-Versus-Host Disease by Inhibition of Nitric Oxide Synthase, <i>Transplantation</i> , 63:94-100 (1997).					
	AT3	Zochodne, D., et al., "Inhibition of Nitric Oxide Synthase Enhances Peripheral Nerve Regeneration in Mice," <i>Neuroscience Letters</i> , 228:71-74 (1997).					
EXAMINER <i>JCS</i>			DATE CONSIDERED <i>10/12/01</i>				

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✓	AU3	Lee, Y. et al., "Changes of Nitric Oxide Synthase Activity and Free Methylarginines Contents in Regenerating Rat Liver After Partial Hepatectomy," <i>Arch. Pharm. Res.</i> , 20:239-246 (1997).
	AV3	Bonham, C., et al., "Nitric Oxide Production by Mouse Bone Marrow-Derived Dendritic Cells," <i>Transplantation</i> , 62:1871-1877, (1996).
	AW3	Kaplan, J., et al., "Inhibition of Lymphoproliferative Responses by SK&F 105685, A Novel Anti-Arthritic Agent," <i>J. Clin. Lab. Immunol.</i> , 36:49-58, (1991).
	AX3	Punjabi, C., et al., "Role of Nitric Oxide in the Regulation of Bone Marrow Cell Proliferation," <i>J. Leukocyte Biol.</i> , page 31 (1992).
	AY3	Benrath, J., et al., "Substance P and Nitric Oxide Mediate Wound Healing of Ultraviolet Photodamaged Rat Skin: Evidence for an Effect of Nitric Oxide on Keratinocyte Proliferation," <i>Neuroscience Letters</i> , 200:17-20 (1995).
	AZ3	Magrinat, G., et al., "Nitric Oxide Modulation of Human Leukemia Cell Differentiation and Gene Expression," <i>Blood</i> , 80:1880-1884 (1992).
	AR4	Punjabi, C., et al., "Enhanced Production of Nitric Oxide by Bone Marrow Cells and Increased Sensitivity to Macrophage Colony-Stimulating Factor (CSF) and Granulocyte-Macrophage CSF After Benzene Treatment of Mice," <i>Blood</i> , 83:3255-3263 (1994).
	AS4	Laskin, J., et al., "Distinct Actions of Benzene and its Metabolites on Nitric Oxide Production by Bone Marrow Leukocytes," <i>Journal of Leukocyte Biology</i> , 57:422-426 (1995).
	AT4	Laskin, D., et al., "Role of Nitric Oxide in Hematosuppression and Benzene-Induced Toxicity," <i>Environ. Health Perspect.</i> 104(6):1283-1287 (1996).
	AU4	Maciejewski, J., et al., "Nitric Oxide Suppression of Human Hematopoiesis In Vitro," <i>J. Clin. Invest.</i> , 96(2):1085-1092 (1995).
✓	AV4	Peunova, N. and Enikolopov, G., "Nitric Oxide Triggers a Switch to Growth Arrest During Differentiation of Neuronal Cells," <i>Nature</i> , 375:68-73 (1995).

EXAMINER

DATE CONSIDERED

12/12/02

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AW4	Munoz-Fernandez, et al., "Tumor Necrosis Factor- α (TNF- α), Interferon- γ , and Interleukin-6 but Not TNB- β Induce Differentiation of Neuroblastoma Cells: The Role of Nitric Oxide," <i>J. Neurochem.</i> , 62:1330-1336 (1994).
AX4	Gansauge, S., et al., "Exogenous, But Not Endogenous, Nitric Oxide Increases Proliferation Rates in Senescent Human Fibroblasts," <i>FEBS Letters (Netherlands)</i> , 410:160-164 (1997).
AY4	Ogden, JE and Moore, PK, "Inhibition of Nitric Oxide Synthase--Potential for a Novel Class of Therapeutic Agent?," <i>Trends Biotechnol.</i> , 13:70-78 (1995).
AZ4	Lepoivre, M., et al., "Antiproliferative Effects of NO Synthase Products," <i>Res. Immunol.</i> , 142:580-583 (1991).
AR5	Kuzin, B., et al., "Nitric Oxide Regulates Cell Proliferation During Drosophila Development," <i>Cell</i> , 87:639-649 (1996).
AS5	Roskams, A., et al., "Nitric Oxide Mediates the Formation of Synaptic Connections in Developing and Regenerating Olfactory Receptor Neurons," <i>Neuron</i> , 13:289-299 (1994).
AT5	Hortelano, S., et al., "Nitric Oxide is Released in Regenerating Liver After Partial Hepatectomy," <i>Hepatology</i> , 21:776-786 (1995).
AU5	Clemens, W., et al., "Inducible Production of Nitric Oxide in Osteoblast-Like Cells and in Fetal Mouse Bone Explants is Associated with Suppression of Osteoclastic Bone Resorption," <i>J. Clin. Invest.</i> 93:1465-1472 (1994).
AV5	Bredt, D.S. and Snyder, S.H., "Nitric Oxide: A Physiologic Messenger Molecule," <i>Annu. Rev. Biochem.</i> , 63:175-195 (1994).
AW5	Forstermann, U., et al, "Expression and Expressional Control of Nitric Oxide Synthases in Various Cell Types," <i>Adv. Pharmacol.</i> 34:171-186 (1995).
AX5	Bredt, D.S. and Snyder, S.H., "Transient Nitric Oxide Synthase Neurons in Embryonic Cerebral Cortical Plate, Sensory Ganglia, and Olfactory Epithelium," <i>Neuron</i> 13:301-313 (1994).

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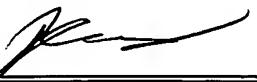
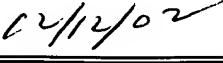
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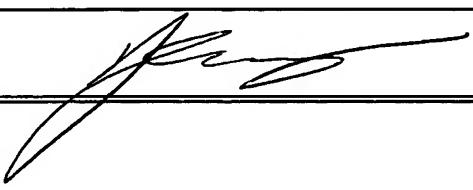
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M	AY5	Blottner, D., et al., "Histochemistry of Nitric Oxide Synthase in the Nervous System," <i>Histochem. Journal</i> 27:785-811 (1995).
	AZ5	Collin-Osdoby, P., et al., "Bone Cell Function, Regulation, and Communication: A Role for Nitric Oxide," <i>J. Cellular Biochem.</i> 57:399-408 (1995).
	AR6	Cramer, K.S., et al., "Transient Expression of NADPH-Diaphorase in the Lateral Geniculate Nucleus of the Ferret During Early Postnatal Development," <i>J. of Comparative Neurology</i> 353:306-316 (1995).
	AS6	Shaul, P.S., "Nitric Oxide in the Developing Lung," <i>Advances in Pediatrics</i> , 42:367-414 (1995).
	AT6	Wetts, R., et al., "Transient and Continuous Expression of NADPH Diaphorase in Different Neuronal Populations of Developing Rat Spinal Cord," <i>Developmental Dynamics</i> 202:215-228 (1995).
	AU6	Decker, K.F. and Obolenskaya, M.Y., "Cytokines, Nitric Oxide Synthesis and Liver Regeneration," <i>J. Gastroenterology and Hepatology</i> 10:S12-S17 (1995).
	AV6	Gally, J.A., et al., "The NO Hypothesis: Possible Effects of a Short-Lived, Rapidly Diffusible Signal in the Development and Function of the Nervous System," <i>Proc. Natl. Acad. Sci. USA</i> 87:3547-3551 (1990).
	AW6	Tsukahara, H., et al., "Effect of Nitric Oxide Synthase Inhibitors on Bone Metabolism in Growing Rats," <i>Am. J. Physiol. 270 (Endocrinol. Metab.</i> 33):E840-E845 (1996).
	AX6	Dugas, B., et al., "Nitric Oxide, a Vital Poison Inside the Immune and Inflammatory Network," <i>63rd Forum in Immunology</i> , pp. 664-670 <i>Pete Weibel</i>
M	AY6	Garg, U.C. and Hassid, A., "Inhibition of Rat Mesangial Cell Mitogenesis By Nitric Oxide-Generating Vasodilators", <i>Amer. Phys. Soc.</i> , 257:F60-F66 (1989).
V	AZ6	Kwon, N.S., et al., "Inhibition of Tumor Cell Ribonucleotide Reductase by Macrophage-derived Nitric Oxide", <i>J. Exp. Med.</i> , 174:761-767 (1991).
V	AR7	Ouaaz, F., "Nitric Oxide in Human Haematopoiesis," <i>Res. Immunol.</i> 146:678-681 (1995).

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<i>R</i>	AS7	Brandi, M.L., et al., "Bidirectional Regulation of Osteoclast Function by Nitric Oxide Synthase Isoforms," Proc. Natl. Acad. Sci. USA 92:2954-2958 (1995).					
<i>R</i>	AT7	Knox, L.K., et al., "Nitric Oxide Synthase Inhibitors Improve Skin Flap Survival in the Rat," Microsurgery, 15:708-711 (1994).					
<i>R</i>	AU7	Garthwaite, J. and Boulton, C.L., "Nitric Oxide Signaling in the Central Nervous System," Annu. Rev. Physiol. 57:683-706 (1995).					
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